

SYSTEM AND METHOD FOR OPERATING AN ELECTRIC MOTOR BY LIMITING PERFORMANCE

Abstract

A method and system for limiting motor performance in a hybrid electric vehicle system. During a condition in a primary drivetrain, the method limits performance of an electric motor used in an auxiliary drivetrain to control energy consumed from a battery in the auxiliary drivetrain. A calculation or measurement is made to determine available battery energy remaining in the battery after the condition. The performance of the electric motor is then limited based on the available battery energy.